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July 15, 2003, 06:15:49; Search time 487 Seconds (without alignments) 4863.435 Million cell updates/sec
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GenCore version 5.1.6
Copyright (c) 1993 - 2003 Compugen Ltd.
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Maximum Match 1008
Listing first 75 summaries
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1500
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Perfect score:
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Pred. No. is the number of results predicted by chance to have a score greater than or equal to the score of the result being printed, and is derived by analysis of the total score distribution.

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Published_Applications_NA:*

Database :

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Sequence 2, Appli Sequence 28131, A Sequence 1045, Ap Sequence 1045, Ap Sequence 4220, Ap Sequence 4220, Ap Sequence 5, Appli Sequence 1, Appli Sequence 27, Appl Sequence 29, Appl Sequence 31, Appl Sequence 3, Appli Sequence 5, Appli Sequence 13, App Sequence 3, Appl Sequence 7, Appli Sequence 25, App Sequence 6, Appl Description US-09-895-035-3 US-09-938-842A-1045 US-09-895-035-5 US-09-818-875-4220 US-09-818-875-4220 0 US-09-878-454A-25 0 US-09-895-035-6 0 US-09-895-035-2 US-09-918-995-28131 US-09-785-474-1 0 US-09-785-474-27 0 US-09-785-474-29 0 US-09-785-474-3 0 US-09-785-474-3 0 US-09-754-949-5 US-10-221-254-7 US-09-895-035-13 US-09-754-949-3 SUMMARIES Query Match Length DB Score 248.2 248.2 248.2 248.2 248.2 248.2 246.6 246.6 245.6 224.2 224.2 Result МО.

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ALIGNMENTS

RESULT 1
US-09-895-035-13
Sequence 13, Application US/09895035
Patent No. US20020082211A1
GENERAL INFORMATION:
APPLICANT: Patterson, Chandra
APPLICANT: Matterson, Matthew R.
TITLE OF INVENTION: HUMAN PRESENILIN VARIANT
FILE REFERENCE: PC-0047 CIP
CURRENT APPLICATION NUMBER: US/09/895,035
CURRENT FILING DATE: 2001-06-29

Appl

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959 AAGTGCAAATCGAATCGAATACTACAGCTTCAACGACACAAAACTCTGGAGTAAGGGTGG 1018
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 16.5%; Score 248.2; DB 16.5%; Pred. No. 1.5e-52;
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Best Local Similarity 54.6
Matches 666; Conservative
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US-09-754-949-3
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LENGTH: 1404
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                                                                                                                                                      Length 1392;
                                                                                                                                                 Score 248.2; DB 10; Length
Pred. No. 1.5e-52;
0; Mismatches 513; Indels
                                                                                        FEATURE:

NAME/REST: misc_feature

SOUTHER INFORMATION: Incyte ID No. US20020082211A1 g1244637
US-09-895-035-13
PRIOR APPLICATION NUMBER: 09/116,640 PRIOR FILING DATE: 1998-07-16 NUMBER OF SEQ ID NOS: 14 SOFTWARE: PERL PROGRAM SEQ ID NO 13 LENGTH: 1392
                                                                                                                                                 Query Match
16.5%;
Best Local Similarity 54.6%;
Matches 666; Conservative
                                                                 TYPE: DNA
ORGANISM: Homo sapiens
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Patent No. US20020015939A1

GENERAL INFORMATION:
APPLICANT: MCCRETHY, JUSTIN
APPLICANT: CORDELL, BARBARA
TITLE OF INVENTION: METHODS FOR IDENTIFYING INHIBITORS OF
TITLE OF INVENTION: NEURONAL DEGENERATION
FILE REFERENCE: SCIOS.012A
CURRENT FILING DATE: 2001-01-04
NUMBER OF SEQ ID NOS: 16
SOFTWARE: FastSEQ for Windows Version 4.0 Indels Q 431

CURRENT APPLICATION NUMBER: US/10/221,254 CURRENT FILING DATE: 2002-09-10 PRIOR APPLICATION NUMBER: 0.000500, 1	; PRIOR FILING DATE: 2000-03-10 ; NUMBER OF SEQ ID NOS: 7 ; SOFTWARE: Patentin Ver. 2.1 ; SEO ID NO 5	: LENGTH: 2765 : TYPE: DNA : ORGANISM: Homo sapiens : FEATURE:	: CDS : (249)(1652) 4-5	Query Match 16.5%; Score 248.2; DB 9; Length 2765; Best Local Similarity 54.6%; Pred. No. 2.2e-52; Matches 666; Conservative 0; Mismatches 513; Indels 40; Gaps 7;	QY 119 AAGACGAAAATGTTGTGGAAGAAGGGGAGGTGAAATACGGAGCATCTCAGGTTATTCATC 178 1 1 1 1 1 1 1 1 1	OY 179 TATTTGTGCCGGTGTCACTATGCATGGCTCTGGTTGTTTTACGATGAACACGATTACGT 238 1	Oy 239 TITATAGECAAAACAAIGGGAATTAGTAGCACATCCTTTIGECGGGAAACAGACA 298	OY 299 GTATCGTTCAGAAGGGATTGATGTCACTTGGAAATGCTCGTCATGTTGTGCTGGTCG 358 1 1 1 1 1 1 1 1 1	QY 359 TTCTGATGACAGTTCTGCTGATTGTTTCTATAAATACAAGTTTTATAAGCTTATTCATG 418	OY 419 GAIGGCTAATGCCAGCAGTTTCTTCTTCTTCTATTCACTACAATCTATGTGCAAG 478	OY 479 AAGTTCTGAAAGTTTCGATGTCTCCCAGCGCACTATTGGTTTGTTT	QY 539 ACTATGGAGTTCTCGGAATGATGTGTATACATTGGAAAGGTCCATTGCGTCTGCAACAGT 598 1 1 1 1 1 1 1 1 1	QY 599 TCTACCTTATACAATGTCTGCACTAATGGCTCTGGTCTTTATCAAGTACCTACC	Qy 659 GGACTGTGGGTTTGTGTTATCTCGGTTTGGGATCTGGTTGCCGTGCTCACAC 718	QY 719 CAAAAGACCATTGAGATATTTGGTGGAAACTGCACAGAGAGAAAGGCAGCCAATTTCC 778 	Qy 779 CGGCGCTGATTTATTCGTCTGGAGTCATCCTATCCCTACGTTCTTGTTACTGCAGTTGAAA 838	OY 839 ACACGACAGACCCCGTGAACCGACGTCGAGACTCAAATACTTCTACAGCTTTTCCTG 898	
OY 419 GATGGCTTATTGTCAGCAGTTTTCTTCTTTTCCTATTCACTACAATCTAGGAAG 478	TGGGTA 5	AACAGT	CAGAAT CTGAAT	OY 659 GGACTGTGTGGTTTGTTATCTCGGTTTGGGATCTGGTTGCCGTGCTCACAC 718	7 8	ω α	TCGTCAGACTCAATACTTCTACAGCTTTTCTG			ACGAAG II AAGACC	rccrcg 	TGGCCA 	QY 1193 TTCTTATGGTCTCTGCTTCACTCTGCTGGCGGCGTTCAAACGAGCACTCCGG 1252	QY 1253 CTCTG-CAATTTCCATTTTTCTCCGGACTCATTTTTTTTTT	QY 1312 CCCCATTGTTACACAAGT 1330 I I I I I I I I I I I	RESULT 3 US-10-221-254-5	Sequence 5, Application US/10221254 Publication No. US/20030113811A1 GENERAL INFORMATION: APPLICANT: GLAXO GROUP LIMITED	TITLE OF INVENTION: ASSAT

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US-09-785-474-1
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AAAGCACAGAAAGGGAGTC--ACAAGACACTGTTGCAGAGAATGATGATGGTGGCGGGTTCAG 1258
                                                AAGTGCAAATCGAATACTACAGCTTCAACGACACAAAACTCTGGAGTAAGGGTGG 1018
                                                                                                                                               AACGGGAGCTAGCTGCTGAGACCAACTGTACAAGACGCCAATTTTCACAGGCACGAAG 1078
                                                                                                                                                                                             ACGAĞCTĞCTĞTCCAĞGAĞTTTCCAĞCAĞTAT-----CCTCGCTĞTĞAAĞAC 1368
                                                                                                                                                                                                                                           1079 AGGAAGAGAGAGTGTGAAACTTGGTCTGGGCGACTTCATTTTCTACTCTGTTCTCCTCG 1138
                                                                                                                                                                                                                                                                          GCAAGGCTT-----CATCGTACTTTGACTGGAACACGACTATCGCTTGTTATGTGGCCA 1192
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  FOX P.L.L.
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ADDRESSEE: STERNE, KESSLER, GOLDSTEIN &
STREET: 1100 NEW YORK AVENUE, SUITE 600
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    0609.4180002
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          Alzheimer's Disease
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             CURRENT APPLICATION DATA:

APPLICATION NUMBER: US/09/785,474
FILING DATE: 20-Feb-2001
CLASSIFICATION: <a href="mailto:conformation-conformation-conformation-conformation-conformation-conformation-conformation-conformation-conformation-conformation-conformation-conformation-conformation-conformation-conformation-conformation-conformation-conformation-conformation-conformation-conformation-conformation-conformation-conformation-conformation-conformation-conformation-conformation-conformation-conformation-conformation-conformation-conformation-conformation-conformation-conformation-conformation-conformation-conformation-conformation-conformation-conformation-conformation-conformation-conformation-conformation-conformation-conformation-conformation-conformation-conformation-conformation-conformation-conformation-conformation-conformation-conformation-conformation-conformation-conformation-conformation-conformation-conformation-conformation-conformation-conformation-conformation-conformation-conformation-conformation-conformation-conformation-conformation-conformation-conformation-conformation-conformation-conformation-conformation-conformation-conformation-conformation-conformation-conformation-conformation-conformation-conformation-conformation-conformation-conformation-conformation-conformation-conformation-conformation-conformation-conformation-conformation-conformation-conformation-conformation-conformation-conformation-conformation-conformation-conformation-conformation-conformation-conformation-conformation-conformation-conformation-conformation-conformation-conformation-conformation-conformation-conformation-conformation-conformation-conformation-conformation-conformation-conformation-conformation-conformation-conformation-conformation-conformation-conformation-conformation-conformation-conformation-conformation-conformation-conformation-conformation-conformation-conformation-conformation-conformation-conformation-conformation-conformation-conformation-conformation-conformation-conformation-conformation-conf
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   APPLICATION NUMBER: 08/706,344 FILING DATE: 30-AUG-1996 APPLICATION NUMBER: 60/003,054 FILING DATE: 31-AUG-1995 ATTORNEY/AGENT INFORMATION:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            NAME: KIM, JUDITH U.
REGISTRATION NUMBER: 40,679
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COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     Sequence 1, Application US/09785474
Patent No. US20010012626A1
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                TELEPHONE: 202-371-2600
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TYPE: nucleic acid
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                                                                                                                                                                       Length 2765;
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                                                                                                                                                                       DB 10;
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Pred. No. 2.2e-52;
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                                                                                                            ID NO: 1:
                 TOPOLOGY: linear
MOLECULE TYPE: DNA (genomic)
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                                                                                           LOCATION: 249..1649
SEQUENCE DESCRIPTION: SEQ
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Best Local Similarity 54.6%;
Matches 666; Conservative
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                                                               Length 2765;
                                                                                             Indels
                                                             10;
                                                           Score 248.2; DB 10;
Pred. No. 2.2e-52;
); Mismatches 513;
          SEQUENCE DESCRIPTION: SEQ ID NO: 27
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AACGGGAGCTAGCTGCTGAGACCAACTGTACAAGACGCCAATTTTCACAGGCACGAAG 1078
                                                                                  CTCTG-CAATTTCCATTTTCTCCGGACTCATTTTTTACTTTTGTACCCGCTGGATCATCA 1311
                                                                                                                                                                                                                                                                                        1319 ACGAGCTGCTGTCCAGGAACTTTCCAGCAGTAT------CCTCGCTGGTGAAGACC
                                                                 AGGAAGAGAGGTGTGAAACTTGGTCTGGGCGACTTCATTTTCTACTCTGTTCTCCTCG
                                                                                                                                  GCAAGGCTT-----CATCGTACTTTGACTGGAACACGACTATCGCTTGTTATGTGGCCA
                                                                                                                                                                                                     TTCTTATCGGTCTCTGCTTCACTCTTGTCCTGCTCGCCGTCTTCAAACGAGCACTCCCGG
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OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: Patentin Release #1.0, Version #1.30 (EPO)
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/09/785,474
FILING DATE: 20-Feb-2001
CLASSIFICATION: <ur>
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   FOX P.L.L.C.
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    Related
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            CORRESPONDENCE ADDRESS:
ADDRESSEE: STERNE, KESSLER, GOLDSTEIN &
STREET: 1100 NEW YORK AVENUE, SUITE 600
CITY: WASHINGTON
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     NAME: KIM, JUDITH U.
REGISTRATION NUMBER: 40,679
REFERENCE/DOCKET NUMBER: 0609.4180002
TELECOMMUNICATION INFORMATION:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           TITLE OF INVENTION: Genetic Alterations Alzheimer's Disease
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   PRIOR APPLICATION DATA:
APPLICATION NUMBER: 08/706,344
FILING DATE: 30-AUG-1996
APPLICATION NUMBER: 60/003,054
FILING DATE: 31-AUG-1995
ATTORNEY/AGENT INFORMATION:
                                                                                                                                                                                                                                                                                                                                       1312 CCCCATTTGTTACACAAGT 1330
                                                                                                                                                                                                                                                                                                                                                                       1609 AGCCTTTTATGGACCAATT 1627
                                                                                                                                                                                                                                                                                                                                                                                                                                                          Sequence 27, Application US/09785474 Patent No. US20010012626A1 GENERAL INFORMATION:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           COUNTRY: USA
ZIP: 20005-3934
COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            TELEPHONE: 202-371-2600
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              MOLECULE TYPE: DNA (genomic) FEATURE:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          TELEFAX: 202-371-2540 INFORMATION FOR SEQ ID NO: 27:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         APPLICANT: TANZI, RUDOLPH WASCO, WILMA
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              TYPE: nucleic acid
STRANDEDNESS: double
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LOCATION: 249..1649
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US-09-785-474-27
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OY 119 AAGACGAAAATGTTGTGGAAGAAGGGGGGGTGAAATACGGAGCATCTCACGTTATTCATC 178 	OY 179 TATTTGTGCCGGTGTCACTATGCATGGCTCTGGTTGTTTTACGATGACACGATTACGT 238	2) 239 TTTATAGTCAAAACAATGGAAGGCATTTACTATCACATCTTTTGTCCGGGAAACAGACA 298 	29 29 GTATCGTTGAGAAGGGATTGATGACATGGAAATGCTCTCGTCATGTTGTGCGTGGTCG 358	2y 359 TICTGATGACAGTTCTGCTGATTGTTTTCTATAAATACAAGTTTTATAAGCTTATTCATG 418	2y 419 GAUGGCTTATTGTCGGGGGTTTTCTTCTTTTCCTATTCACTACAATCTATGTGCGAG 478	2y 479 AAGTTCTGAAAAGTTTCGATGTCTCCCAGCGCACTATTGGTTTGTTT	2Y 539 ACTATGGAGTTCTCGGAATGATGTGTATACATTGGAAAGGTCCATTGCGTCTGCGACAGT 598	2y 599 TCTACCTTATACAATGTCTGCACTAATGGCTCTGGTCTTTATCAAGTACCTACAGAAT 658 11	2) 659 GGACTGTGTGCTGTTTGTTATCTCGGTTTGGGATCTGGTTGCCGTGCTCCACAC 718	NY 719 CAAAAGGACCATTGAGATATTTGGTGGAAACTGCACAGGAGAGAAAGGAGCCAATTTTCC 778 1039 TGAAAGGTCCACTTCGTATGCTGGTTGAAACAGCTCAGGAGAAAATGAAACGCTTTTTC 1998	179 GGGGGTGATTTATTCGTCTGGAGTCATCTATCCCTACGTTGTTACTGCAGTTGAAA 838	PS 939 ACACGACAGACCCCGTGAACCGTCGTCAGACTCAATACTTCTACAGCTTTTCCTG 898	PS 99 GAGAGGCGAGTTCATCTGAAACGCCAAAACGGCCAAAAGGGAAAGGAATTCCTCAAA 958	959 AACTGCAAATCGAATACTACAGCTTCAACGACACAAAACTCTGGAGTAAGGGTGG	b 1259 TGAGGAATGGGAAGCCCAGAGGGACAGTCATCTAGGGCCTCATGGCTCTACACCTGAGTC 1318 V 1019 AACGGGAGCTAGCTGGTGAGGACCAACTGTAAAAAGACGCAAFTTTAAAAAGACAACAACAACAACAACAACAAACTGAAAAAAAA		y 1079 AGGAACAGAGGGGGAAACTTGGTCTGGGCGACTTCATTTTCTACTCTGTTCTCCTCG 1138	y 1139 GCAAGGCTTCATCGTACTTTGACTGGAACACGACTATCGCTTGTTATGTGGCCA 1192
	2000 1 1 1 1 1 1 1 1 1 1	CATCA 131 	1330		9785474 OY LPH	TLMA Genetic Alterations Related To Familial Alzheimer's Disease Db	YERSTER, GOLDSTEIN & FOX P.L.L.C. YORR AVENUE, SUITE 600 Db	, dd dd	PE: Floppy disk IBM PC compatible SYSTEM: PC-DoS/MS-DOS PatentIn Release #1.0 Version #130 (FDO)	US/09/785,474	DATA: 08/706,344 QY 30-40g-1996 Db	JG-1995 TION: U Db	REFERENCE/DOCKET NUMBER: 0609.4180002 OMMUNICATION INFORMATION: OFFICERPOORS: 202-317-2600 DD	0	pairs Db	ar (genomic) Db	449 SEQ ID NO: 29: Db	Score 246.6; DB 10; Length 2765; Qy Pred. No. 5.6e-52; Db O; Mismatches 514; Indels 40; Gaps 7; Db
1369 CAGAGGAAAGGGAACT 1139 GCAAGGCTTC 1429 GTAAAGCCTCAGCAAC			1312 CCCCATTTGTTACACAAGT -	RESULT 6 US-09-785-474-29	Sequence 29, Application US/0978547 Patent No. US20010012626A1 GENERAL INFORMATION: APPLICANT: TANZI, RUDOLPH	WASCO, WILMA TITLE OF INVENTION: Gen Alz NUMBER OF SEQUENCES: 32	PONDENCE ADDRI DDRESSEE: STEI TREET: 1100 NE	STATE: DC COUNTRY: USA ZIP: 20005-3934 COMPUTER READABLE FORM	MEDIUM TYPE: Floppy disk COMPUTER: IBM PC COMPATI OPERATING SYSTEM: PC-DOS SOFTWARE: PACENTIN RELEA	CURRENT APPLICATION DATA: APPLICATION NUMBER: US/09/785,47 FILING DATE: 20-Feb-2001 CLASSIFICATION: <u>u <u< td=""><td>PRIOR APPLICATION DATA: APPLICATION NUMBER: 08/706,344 FILING DATE: 30-AUG-1996 APPLICATION NUMBER: 61/703 054</td><td>FILING DATE: 31-AUG-1995 ATTORNEY/AGENT INFORMATION: NAME: KIM, JUDITH U. REGISTRATION NUMBER: 40,679</td><td>REFERENCE/DOCKET NUMBER: TELECOMMUNICATION INFORMATION: TELEPHONE: 202-371-2600</td><td>INFORMATION FOR SEQ ID NO: 29: SEQUENCE CHARACTERISTICS:</td><td>TYPE: nucleic acid STRANDEDNESS: double</td><td>line DNA</td><td>NAME/KEY: CDS LOCATION: 2491649 SEQUENCE DESCRIPTION: SE -09-785-474-29</td><td>Ouery Match Best Local Similarity 54.6%; Matches 665; Conservative</td></u<></u></u></u></u></u></u></u></u></u></u></u></u></u></u></u></u></u></u></u></u></u></u></u></u></u></u></u></u></u></u></u></u></u></u></u></u></u></u></u></u></u></u></u></u></u></u></u></u></u></u></u></u></u></u></u></u></u></u></u></u></u></u></u></u></u></u></u></u></u></u></u></u></u></u></u></u></u></u></u></u></u></u></u></u></u></u></u></u></u></u></u></u></u></u></u></u></u></u></u></u></u></u></u></u></u></u></u></u></u></u></u></u></u></u></u></u></u></u></u></u></u></u></u></u></u></u></u></u></u></u></u></u></u></u></u></u></u></u></u></u></u></u></u></u></u></u></u></u></u></u></u></u></u></u></u></u></u></u></u></u></u></u></u></u></u></u></u></u></u></u></u></u></u></u></u></u></u></u></u></u></u></u></u></u></u></u></u></u></u></u></u></u></u></u></u></u></u></u></u></u></u></u></u></u></u></u></u></u></u></u></u></u></u></u></u></u></u></u></u></u></u></u></u></u></u></u></u></u></u></u></u></u></u></u></u></u></u></u></u></u></u></u></u></u></u></u></u></u></u></u></u></u></u></u></u></u></u></u></u></u></u></u></u></u></u></u></u></u></u></u></u></u></u></u></u></u></u></u></u></u></u></u></u></u></u></u></u></u></u></u></u></u></u></u></u></u></u></u></u></u></u></u></u></u></u></u></u></u></u></u></u></u></u></u></u></u></u></u></u></u></u></u></u></u>	PRIOR APPLICATION DATA: APPLICATION NUMBER: 08/706,344 FILING DATE: 30-AUG-1996 APPLICATION NUMBER: 61/703 054	FILING DATE: 31-AUG-1995 ATTORNEY/AGENT INFORMATION: NAME: KIM, JUDITH U. REGISTRATION NUMBER: 40,679	REFERENCE/DOCKET NUMBER: TELECOMMUNICATION INFORMATION: TELEPHONE: 202-371-2600	INFORMATION FOR SEQ ID NO: 29: SEQUENCE CHARACTERISTICS:	TYPE: nucleic acid STRANDEDNESS: double	line DNA	NAME/KEY: CDS LOCATION: 2491649 SEQUENCE DESCRIPTION: SE -09-785-474-29	Ouery Match Best Local Similarity 54.6%; Matches 665; Conservative

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	oy Oy	299 GTATCGTTGAGAAGGGATTGATGACATTGGAAATGCTCTCGTCATGTTGTGCGTGGTCG
	d oy	
Related To Familial	Qy	
ADDRESSEE: STERNES: STREET: STERNES KESSLER, GOLDSTEIN & FOX P.L.L.C. STREET: 1100 NEW YORK AVENUE, SUITE 600 CITY: WASHINGTON STATE: DC CONWIND FOR	oy b	539 ACTATGGAGTTCTCGGAATGATGTGTATACATTGGAAAGGTCCATTGCTGCAACAGT
	ag Sy	919 CATATCTCATTATGATTAGGCCCTCATGGCCCTGGTGTTATCAGTACCTCCCTGAAT 659 GGACTGTGTGCTTTGTTATGTTATCTCGGTTTGGGATCTGGTTGCCGTGCTCACAC
Version #1.30 (EPO)	å å aa	979 GGACTGCGTGGCTCATCGTGGGTTTCAGTATAGATTTAGTGGTTTTGTGTCT 719 CAAAAGGACCATTGAGATATTTGGGAAACTGCACAGGAGAGAAACGAGCCAATTTTCC
	, Qy	779 CGCGCTGATTATTCGTCTGGAGTCATCTATCCCTACGTTCTTGTTACTGCAGTTGAAA 1 1 1 1 1 1 1 1 1
	Qy Dp	839 ACACGACCCCCGTGAACCGACGTCGGACTCAAATACTTCTACAGTTTTCCTG
	ζς dg	899 GAGAGGCGAGTTGTTCATCTGAAACGCCAAAACGGCCAAAAGTGAAACGAATTCCTCAAA 1 1 1 1 1 1 1 1 1
	o o	959 AAGTGCAAATCGAATACTACAGCTTCAACGACACAAAACTCTGGAGTAAGGGGGG 1
	Qy Dp	1019 AACGGGAGCTAGCTGACGAGACCAACTGTACAAGACGCCAATTTTCACAGGCACGAAG
	QV	1079 AGGAAGAGAGGTGTGAAACTTGGTCTGGGCGACTTCATTTTCTACTCTGTTCTCCTCG
Score 246.6; DB 10; Length 2765; Pred. No. 5.6e-52;); Mismatches 514; Indels 40; Gaps 7;	Qy	
119 AAGACGAAAATGTTGTGGAAGAAGGGGGGGGGGGGGGGG	Oy Dp	1193 ITCITAICGGTCICIGCTTCACTCITGTCCTGCCCGTCTTCAAACGAGCACTCCCGG
ACGT	QY	1253 CTCTG-CAATTTCCTCGGACTCATTTTTACTTTTTGACCCCGCTGGATCATCA

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GGACTGCGTGGCTCTTGGCTGTTTTCAGTATATGATTTAGTGGCTGTTTTGCGTC 1038
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                        GTATCGTTGAGAAGGGATTGATGTCACTTGGAAATGCTCTCGTCATGTTGTGCGTGGTCG 358
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                                          GGACTGTGTTTGTGTTTTGTTATCTCGGTTTGGGATCTGGTTGCCGTGCTCACAC
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                                                                                  TTCTGATGACAGTTCTGCTGATTGTTTTCTATAAATACAAGTTTTATAAGCTTATTCATG
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STATE: DC
STATE: DC
COUNTRY: USA
ZID: 20005-3934
COMPUTER READABLE FORM:
MEDTUM TYPE: Floppy disk
COMPUTER: IBM FC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: PatentIn Release #1.0, Version #1.30 (EPO)
CURRENT APPLICATION NUMBER: US/09/785,474
FILING DATE: 20-Feb-2001
CLASSIFICATION: CURKNOWN>
                                                                                                                                                                                                            TITLE OF INVENTION: Genetic Alterations Related To Familial
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             40;
                                                                                                                                                                                                                                                                              P.L.L.C
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             Indels
                                                                                                                                                                                                                                                      CORRESPONDENCE ADDRESS:
ADDRESSEE: STERNE, KESSLER, GOLDSTEIN & FOX
STREET: 1100 NEW YORK AVENUE, SUITE 600
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              Score 245; DB 10;
Pred. No. 1.4e-51;
0; Mismatches 515;
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  REFERENCE/DOCKET NUMBER: 0609.4180002
TELECOMMUNICATION INFORMATION:
                                                                                                                                                                                                                                Alzheimer's Disease
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               A APPLICATION DATA:
APPLICATION NUMBER: 08/706,344
FILING DATE: 30-AUG-1996
APPLICATION NUMBER: 60/003,054
FILING DATE: 31-AUG-1995
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 LOCATION: 249..1649
SEQUENCE DESCRIPTION: SEQ ID NO: 3:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     ATTORNEY AGENT INFORMATION:
NAME: KIM, JUDITH U.
REGISTRATION NUMBER: 40,679
                               1312 CCCCATTTGTTACACAAGT 1330
                                                   1609 AGCCTTTTATGGACCAATT 1627
                                                                                                                                   Sequence 3, Application US/09785474
Patent No. US20010012626A1
GENERAL INFORMATION:
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TYPE: nucleic acid
STRANDEDNESS: double
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  TELEPHONE: 202-371-2600
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  MOLECULE TYPE: DNA (genomic)
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           INFORMATION FOR SEQ ID NO: 3:
SEQUENCE CHARACTERISTICS:
                                                                                                                                                                                APPLICANT: TANZI, RUDOLPH
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        Query Match 16.3%;
Best Local Similarity 54.5%;
Matches 664; Conservative (
                                                                                                                                                                                                                                           NUMBER OF SEQUENCES: 32
                                                                                                                                                                                                   WILMA
                                                                                                                                                                                                                                                                                                     CITY: WASHINGTON
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Sequence 7, Application US/10221254
Publication No. US20030113811A1
GENERAL INFORMATION:
APPLICANT: GLAXO GROUP LIMITED
TITLE OF INVENTION: ASSAY
FILE REFERENCE: PG39500SW
CURRENT FPLICATION NUMBER: US/10/221,254
CURRENT FILING DATE: 2002-09-10
PRIOR APPLICATION NUMBER: 0005894.1
PRIOR FILING DATE: 2000-03-10
PRIOR FILING DATE: 2000-03-10
SOFTWARE: PATENTLY NOW. 2.1
                                                                                                                                                                                                                                                                                                                     Matches 398; Conservative
                                                                                                                                                                                                                                                      ; LOCATION: (368)..(1714)
US-10-221-254-7
                                                                                                                                                                                                  TYPE: DNA
ORGANISM: Homo sapiens
                                                                                                                                                                                                                                                                                            Query Match
Best Local Similarity
                                                                                                                                                                                                                                           NAME/KEY: CDS
                                                                                                                                                                           SEQ ID NO 7
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                                                                                                                                                                                                                                                    Length 1346;
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                                                                                                                                                                                                                                                Score 224.2; DB 10; Length
Pred. No. 1.7e-46;
0; Mismatches 268; Indels
                                                                          TITLE OF INVENTION: METHODS FOR IDENTIFYING INHIBITORS OF TITLE OF INVENTION: NEURONAL DEGENERATION CURENT APPLICATION NUMBER: US/09/754,949
CURRENT FILING DATE: 2001-01-04
NUMBER OF SEQ ID NOS: 16
SOFTWARE: FASTERQ FOR MINGOWS VERSION 4.0
US-09-754-949-5
; Sequence 5, Application US/09754949
; Patent No. US20020015939Al
; GENERAL INFORMATION:
                                                                                                                                                                                                                                                   14.9%;
59.5%;
                                                   APPLICANT: MCCARTHY, JUSTIN APPLICANT: CORDELL, BARBARA
                                                                                                                                                                                                                                                Query Match
Best Local Similarity 59.55
Matches 398; Conservative
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                                                                                                                                                                                             TYPE: DNA
ORGANISM: Homo Sapien
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948 CCTACAATGTGGCCATGGACTACCCCACCTCTTGCTGACTTGTGGAACTTCGGGGCAG 1007 610 767 887 431 TCAGCAGTTTCTTCTTTTCCTATTCACTACAATCTATGTGCAAGAAGTTCTGAAAA 490 947 491 GITTCGATGTCTCCCAGCGCACTATTGGTTTTGTTTGGACTGGGTAACTATGGAGTTC 550 131 TIGIGGAAGAAGCGGAGCTGAAATACGGAGCATCTCACGTTATTCATCTATTTGTGCCGG 311 AGGGATTGATGTCACTTGGAAATGCTCTCGTCATGTTGTGCGTGGTCGTTCTGATGACAG 191 TGTCACTATGCATGGCTCTGGTTGTTTTACGATGAACACGATTACGTTTATAGTCAAA 551 TCGGAATGATGTATACATTGGAAAGGTCCATTGCGTCTGCAACAGTTCTACCTTATTA 671 TTGTGCTGTTTGTTATCTCGGTTTGGGATCTGGTTGCCGTGCTCACACCAAAAGGACCAT Gaps TGAGATATTTGGTGGAAACTGCACAGGAGAGAAACGAGCCAATTTTCCCGGCGCTGATTT 3; Length 14.9%; Score 59.5%; Pred. No. 2.3e ... 69.5%; Pred. No. 2.3e ... 69. Mismatches 268; 791 ATTCGTCTG 799 δ

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1066 TGATCAGTGCGCTCATGGCCCTAGTGTTCATCAAGTACCTCCCAGAGTGGTCCGCGTGGG 1125
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                                                                                                                                                                 431 TCAGCAGTTTTCTTCTTTTCCTATTCACTACAATCTATGTGCAAGAAGTTCTGAAAA
                                                                                                                                                                                                              491 GTTTCGATGTGTCTCCCAGCGCACTATTGGTTTGTTTGGACTGGGTAACTATGGAGTTC
                                                                                                                                                                                                                                                                          551 TCGGAATGATGTGTATACATTGGAAAGGTCCATTGCGTCTGCAACAGTTCTACCTTATTA
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; OTHER INFORMATION: Incyte ID No. US20020082211A1 1353337F6
US-09-895-035-6
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   5.8%; Score 87.6; DB 10;
58.5%; Pred. No. 3.8e-12;
ive 0; Mismatches 119;
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      Sequence 6, Application US/09895035
Sequence 6, Application US/09895035
Sequence 6, Application US/09895035
Sequence 6, Application
SERERAL INFORMATION:
APPLICANT: Batterson, Chandra
APPLICANT: Marry, Lynn E.
APPLICANT: Kaser, Matthew R.
TILLE OF INVENTION: HUMAN PRESENILIN VARIANT
FILE REFERENCE: PC-0047 CIP
CURRENT APPLICATION NUMBER: US/09/895,035
CURRENT FILING DATE: 2001-06-29
PRIOR FILING DATE: 1998-07-16
NUMBER OF SEQ ID NOS: 14
SOFTWARE: PERL Frodram
SOFTWARE: PERL Frodram
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Best Local Similarity 58.5%
Matches 172; Conservative
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                                                                                      Sequence 25, Application US/09878454A
Patent No. US20020064828Al
CERNEAL INFORMATION:
APPLICANT: NOTACLO, et al.
TITLE OF INVENTION: Wethod of Controlling the Binding of Calmyrin to Presentlin CURRENT APPLICATION WHERE: US/09/878,454A
CURRENT FILING DATE: 2001-06-11
PRIOR APPLICATION NUMBER: 60/210,939
PRIOR FILING DATE: 2000-06-11
NUMBER OF SEO ID NOS: 26
SOFTWARE: Patentin version 3.1
LENGTH: 2285
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        131 TIGIGGAAGAAGCGGAGCIGAAATACGGAGCATCICACGITATICATCTATITGTGCCGG 190
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59.5%; Pred. No. 2.4e-46;
tive 0; Mismatches 268; Indels
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LOCATION: (2213)..(2213)

OTHER INFORMATION: n can be a, c, t or g

NAME/KEY: misc_feature

LOCATION: (2216)..(2216)

OTHER INFORMATION: n can be a, c, t or g

NAME/KEY: misc_feature

COTHER INFORMATION: n can be a, c, t or g

NAME/KEY: misc_feature

COTHER INFORMATION: n can be a, c, t or g

US-09-878-454A-25
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OTHER INFORMATION: n can be a, c,
NAME/KEY: misc_feature
LOCATION: (2152)...(2152)
OTHER INFORMATION: n can be a, c,
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LOCATION: (2157)..(2157)
OTHER INFORMATION: n can be a,
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LOCATION: (2160)..(2160)
OTHER INFORMATION: n can be a,
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OTHER INFORMATION: n can be
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Best Local Similarity 59.5;
Matches 398; Conservative
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LOCATION: (2137)..(2137)
OTHER INFORMATION: n can
NAME/KEY: misc_feature
NAME/KEY: misc_feature
LOCATION: (2163)..(2163)
OTHER INFORMATION: n can
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OTHER INFORMATION: n can
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LOCATION: (2203)..(2203
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                                                                                                                                                                                                                                                                                                                             ORGANISM: Homo saptens
                                                                                                                                                                                                                                                                                                                TYPE: DNA
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1131 TCTCCTCGGCAAGGCTTCATCGTA-----CTTTGACTGGAACACGACTATCGCTTGTTA 1184
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              1185 TGTGGCCATTCTTATCGGTCTCTGCTTCACTCTTGTCCTGCTCGCCGTCTTCAAACGAGC
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             1071 GCACGAAGAGGAAGAGAGGGGGTGTGAAACTTGGTCTGGGCGACTTCATTTTCTACTCTGT
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              326 GCTGCCCCCCCCCATCCATCACCTTCGGCCTCATTTACTTCTCCCA 379
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                                                                                                                                                                                                                                                                                                                                                                                        Length 562;
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          NAME/KEY: misc_feature
OTHER INFORMATION: Incyte ID No. US20020082211A1 991723R6
                                                                                                                                                                                                                                                                                                                                                                                   Score 83.2; DB 9;
Pred. No. 5.5e-11;
0; Mismatches 73;
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  .3e-10;
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             APPLICANT: Murry, Lynn E.
APPLICANT: Kaser, Matthew R.
TITLE OF INVENTION: HUMAN PRESENILIN VARIANT
FILE REFERENCE: PC-0047 CIP
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             0; Mismatches
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     Score 80.6;
Pred. No. 2.
                               CURRENT APPLICATION NUMBER: US/09/918,995
CURRENT FILING DATE: 2001-07-30
PRIOR APPLICATION NUMBER: US/09/235,076
PRIOR FILING DATE: 1999-01-20
                                                                                                                 NUMBER OF SEQ ID NOS: 38054
SOFTWARE: FastSEQ for Windows Version 3.0
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   CURRENT APPLICATION NUMBER: US/09/895,035 CURRENT FILING DATE: 2001-06-29
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 ; OTHER INFORMATION: a, t, c, g, or other US-09-895-035-3
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            PRIOR APPLICATION NUMBER: 09/116,640 PRIOR FILING DATE: 1998-07-16 NUMBER OF SEQ ID NOS: 14 SOFTWARE: PERL PROGRAM
                                                                                                                                                                                                                                                                                           ; LOCATION: (1)...(562)
; OTHER INFORMATION: n = A,T,C or G
US-09-918-995-28131
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         Sequence 3, Application US/09895035 Patent No. US20020082211A1
                                                                                                                                                                                                                                                                                                                                                                                   5.5%;
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                                                                                                                                                                                                                                                                                                                                                                               Query Match
Best Local Similarity 65.89
Matches 154; Conservative
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         Matches 161; Conservative
                                                                                                                                                                                                                                                                    NAME/KEY: misc_feature
LOCATION: (1)...(562)
                                                                                                                                                                                                                            ORGANISM: Homo sapiens
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           TYPE: DNA
ORGANISM: Homo sapiens
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Best Local Similarity
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      GENERAL INFORMATION:
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LOCATION: 458
                                                                                                                                                            SEQ ID NO 28131
LENGTH: 562
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                                                                                                                                                                                                            TYPE: DNA
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239 ITTATAGICAAAACAAIGGAAGGCATTIACTAICACAICCTITIGICCGGGAAACAGACA 298
                                                                                                                            299 GTATCGTTGAGAAGGGATTGATGTCACTTGGAAATGCTCTCGTCATGTTGTGCGTGGTCG 358
                                                                                                                                                                     204 CIGIGGCCAGAGAGCCCIGCACICAATICTGAATGCIGCCATCATGATCAGTGTCATTG 263
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               119 AAGACGAAAATGTTGTGGAAGAGCGGAGCTGAAATACGGAGCATCTCACGTTATTCATC 178
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        179 TATITGIGCCGGIGTCACTATGCATGGCTCTGGTTTTTTACGATGAACACTACGT 238
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            239 ITTAIAGICAAAACAAIGGAAGGCAITIACIAICACAICCIITIGICCGGGAAACAGACA 298
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                TITATACCCGGAAGGAIG---GGCAGCTAATCTATACCCCATTCACAGAAGATACCGAGA 542
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           299 GTATCGTTGAGAAGGGATTGATGTCACTTGGAAATGCTCTCGTCATGTTGTGCGGGGCG 358
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                                                                                                                                                                                                                359 ITCIGATGACAGTTCTGCTGATTGTTTTCTATAAATACAAGTTTTATAAGCTTA 412
                                                                                                                                                                                                                                         359 TICTGATGACAGTTCTGCTGATTGTTTTCTATAAATACAAGTTTTATAAGCTTA 412
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     ; NAME/KEY: misc_feature
; OTHER INFORMATION: Incyte ID No. US20020082211A1 1353337CB1
US-09-895-035-2
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                Sequence 28131, Application US/08918995
Publication No. US20030073623A1
GENERAL INFORMATION:
APPLICANT: Hyseq, Inc.
TITLE OF INVENTION: NOVEL NUCLEIC ACID SEQUENCES OBTAINED
TITLE OF INVENTION: FROM VARIOUS CDNA LIBRARIES
                                                                                                                                                                                                                                                                                                                                                                                                                                                 APPLICANT: MURTY, LYDIN E.
APPLICANT: KASET, MATTHEW R.
TITLE OF INVENTION: HUMAN PRESENILIN VARIANT
FILE REFERENCE: PC-0047 CIP
CURRENT APPLICATION NUMBER: US/09/895,035
CURRENT FILING DATE: 2001-06-29
PRIOR APPLICATION NUMBER: 09/116,640
PRIOR FILING DATE: 1998-07-16
NUMBER OF SEQ ID NOS: 14
SOFTWARE: PERL PROGRAM
SEQ ID NO 2.
                                                                                                                                                                                                                                                                                                                                                                      Sequence 2, Application US/09895035
Patent No. US20020082211A1
                                                                                                                                                                                                                                                                                                                                                                                                            GENERAL INFORMATION:
APPLICANT: Patterson, Chandra
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        TYPE: DNA
ORGANISM: Homo sapiens
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              US-09-918-995-28131
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Best Local S:
Matches 172,
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Sequence 4220, Application US/09818875
Publication No. US20030051270A1
EDBLICANT: No. US20030051270A1
GENERAL INFORMATION:
APPLICANT: Kmiec, Eric B.
APPLICANT: Rice, Michael C.
TITLE OF INVENTION: Targeted Chromosomal Genomic Alterations with Modified Single
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                286 TITTATACCCGGAAGGATG---GGCAGCTAATCTATACCCCATTCACAGAAGATACGAG 230
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           178 CTATITGECCGGTGTCACTATGCATGGCTCTGGTTTTTACGATGAACACGATTACG 237
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      238 ITITATAGTCAAAACAATGGAAGGCATTTACTATCACATCCTTTTGTCCGGGAAACAGAC 297
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                                                                                                                                                                                                                                                                                                                                                                FEATURE:
NAME/KEY: misc_feature
OTHER INFORMATION: Incyte ID No. US20020082211A1 1353337T6
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             DB 10;
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 Pred. No. 2.3e-08;
0; Mismatches 92
                                                                                                     TITLE OF INVENTION: HUMAN PRESENTLIN VARIANT FILE REFERENCE: PC-0047 CIP
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             4.8%; Score 72.4;
59.6%; Pred. No. 2.3
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CURRENT APPLICATION NUMBER: US/09/818,875
CURRENT FILING DATE: 2001-03-27
PRIOR APPLICATION NUMBER: US 60/192,176
PRIOR PELING DATE: 2000-03-27
PRIOR APPLICATION NUMBER: US 60/192,179
PRIOR PELING DATE: 2000-03-27
PRIOR APPLICATION NUMBER: US 60/208,538
PRIOR FILING DATE: 2000-06-01
PRIOR PELING DATE: 2000-06-01
PRIOR PELING DATE: 2000-10-30
NUMBER OF SEQ ID NOS: 4385
SOFTWARE: Friedman macro Napro4
                                                                                                                                               CURRENT APPLICATION NUMBER: US/09/895,035 CURRENT FILING DATE: 2001-06-29 PRIOR APPLICATION NUMBER: 09/116,640 PRIOR FILING DATE: 1998-07-16
                                                                                                                                                                                                                                                                                                                                                                                                                             NAME/KEY: unsure
LOCATION: 314, 352
OTHER INFORMATION: a, t, c, g, or other
                                        APPLICANT: Patterson, Chandra
                                                            APPLICANT: Murry, Lynn E. APPLICANT: Kaser, Matthew R.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        Conservative
US20020082211A1
                                                                                                                                                                                                                                  NUMBER OF SEQ ID NOS: 14
'SOFTWARE: PERL Program'
SEQ ID NO 5
LENGTH: 356
                                                                                                                                                                                                                                                                                                                        TYPE: DNA ORGANISM: Homo sapiens
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               Similarity
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Best Local Simi
Matches 140;
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APPLICANT: Wang, Xun
APPLICANT: Wang, Xun
APPLICANT: Zhu, Tong
TITLE OF INVENTION: STRESS-REGULATED GENES OF PLANTS, TRANSGENIC PLANTS CONTAINING
TITLE OF INVENTION: SAME, AND METHODS OF USE
FILE REPERENCE: SCRIP1300-3
CURRENT APPLICATION NUMBER: 2001-08-24
PRIOR APPLICATION NUMBER: US 60/227,866
PRIOR PLILING DATE: 2000-08-24
PRIOR APPLICATION NUMBER: US 60/264,647
PRIOR PLILING DATE: 2001-01-16
PRIOR PLILING DATE: 2001-01-16
PRIOR PLILING DATE: 2001-01-16
PRIOR PLILING DATE: 2001-01-16
PRIOR PELLING DATE: 2001-01-16
PRIOR PLILING DATE: 2001-01-16
PRIOR PLILING DATE: 2001-01-16
PRIOR PAPILOR DATE: 2001-01-16
PRIOR PAPILOR DATE: 2001-01-16
PRIOR PAPILOR DATE: 2001-01-16
PRIOR PAPILOR DATE: 2001-01-16
                                                                                                  1254
                                                                                                                                                                          .255 C-TGCAATTTCCATTTTCTCCGGACTCATTTTTTACTTTTGTACCCGCTGGATCATCACC 1313
    AAGGCTTCATCGTACTTT----GACTGGAACACGACTATCGCTTGTTATGTGGCCATT 1194
                             1083 AGAGAGAGGTGTGAAACTTGGTCTGGGCGACTTCATTTTCTACTCTGTTCTCCTCGGCAA 1142
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  185 CTTCCAATCTCCATCACCTTTGGGCTTGTTTTCTACTTTGCCACAGATTATCTTGTACAG 244
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Pred. No. 2.3e-08;
0; Mismatches 87; Indels
                                                                                                                                                                                                                                                                                                                                                                                                                    Sequence 1045, Application US/09938842A Patent No. US20020160378A1
                                                                                                                                                                                                                                                             1314 CCATTTGTTACACAGT 1330
                                                                                                                                                                                                                                                                                                          245 CCTTTTATGGACCAATT 261
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; ORGANISM: Arabidopsis thaliana
US-09-938-842A-1045
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      Query Match 4.9%;
Best Local Similarity 62.2%;
Matches 150; Conservative
                                                                                                                                                                                                                                                                                                                                                                                                                                                        GENERAL INFORMATION:
APPLICANT: Harper, Jeff
APPLICANT: Kreps, Joel
                                                                                                                                                                                                                                                                                                                                                                     RESULT 16
US-09-938-842A-1045
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LENGTH: 1362
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TYPE: DNA ORGANISM: Homo sapiens

SEQ ID NO 4220 LENGTH: 121

RESULT 17 US-09-895-035-5/c ; Sequence 5, Application US/09895035

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Sequence 4225, Application US/09818875

Sequence 4225, Application US/09818875

Publication Wo. US20030051270al

GENERAL INFORMATION:

APPLICANT: Kniec, Eric B.

APPLICANT: Gamper, Howard B.

APPLICANT: Rice, Michael C.

TITLE OF INVENTION: Targeted Chromosomal Genomic Alterations with Modified Single

TITLE OF INVENTION: Stranded Oligonucleotides

TITLE OF INVENTION: Stranded Oligonucleotides

TITLE OF INVENTION: Stranded Oligonucleotides

FILE REFERENCE: Napro-4

CURRENT APPLICATION NUMBER: US 60/192,176

PRIOR FILING DATE: 2000-03-27

PRIOR FILING DATE: 2000-03-27

PRIOR FILING DATE: 2000-06-01

PRIOR FILING DATE: 2000-06-01

PRIOR FILING DATE: 2000-06-01

PRIOR FILING DATE: 2000-10-30

NUMBER OF SEQ ID NOS: 4385

SOFTWARE: Friedman macro Napro4
                        INVENTION: Targeted Chromosomal Genomic Alterations with Modified Single INVENTION: Stranded Oligonucleotides
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ilarity 73.6%; Pred. No. 5.4e-08;
Conservative 0; Mismatches 32;
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Pred. No. 5.4e-08;
0; Mismatches 32
           TITLE OF INVENTION: Targeted Chromosomal Gency TITLE OF INVENTION: Stranded Oligonucleotide FILE REFERENCE: Napro-4
CURRENT APPLICATION NUMBER: US/99/818,875
FRIOR APPLICATION NUMBER: US 60/192,176
PRIOR FILING DATE: 2000-03-27
PRIOR FILING DATE: 2000-03-27
PRIOR FILING DATE: 2000-03-77
PRIOR APPLICATION NUMBER: US 60/192,179
PRIOR FILING DATE: 2000-06-01
PRIOR FILING DATE: 2000-06-01
PRIOR FILING DATE: 2000-06-01
PRIOR FILING DATE: 2000-10-30
NUMBER OF SEQ ID NOS: 4385
SOFTWARE: Friedman macro Napro4
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Best Local Similarity 73.6'
Matches 89; Conservative
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Best Local Similarity
Matches 89; Conserve
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US-09-818-875-4225/c
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LENGTH: 121
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LENGTH: 121
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| Publication No. US20030051270A1
| Publication No. US20030051270A1
| Publication No. US20030051270A1
| APPLICANT: Riacc, Eric B. | APPLICANT: Gamper, Howard B. | APPLICANT: Riacc, Michael C. | TITLE OF INVENTION: Stranded Oligonucleotides | TITLE OF INVENTION: NUMBER: US 60/192,176 | PRIOR PILING DATE: 2000-03-27 | PRIOR FILING DATE: 2000-06-01 | PRIOR PILING DATE: 2000-10-30 | NUMBER OF SEQ ID NOS: 4385 | SOFTWARE: Friedman macro Napro4 | SEQ ID NO 4221 | MUNDER OF SEQ ID NO 4221 | MUNDER
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                                                    Ouery Match
Best Local Similarity 73.68; Pred. No. 5.4e-08;
Matches 89; Conservative 0; Mismatches 32;
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Pred. No. 5.4e-08;
0; Mismatches 32;
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Publication No. US20030051270A1
GENERAL INFORMATION:
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Best Local Similarity 73.6%;
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APPLICANT: Gamper, Howard B.
APPLICANT: Rice, Michael C.
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ORGANISM: HOMO sapiens
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US-09-818-875-4220
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APPLICANT: Kmlec, Eric B.
APPLICANT: Gamper, Howard B.
APPLICANT: Rice, Michael C.
TITLE OF INVENTION: Targeted Chromosomal Genomic Alterations with Modified Single
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Pred. No. 9.7e-08;
0; Mismatches 32;
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Publication No. US20030051270A1
GENERAL INFORMATION:
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Publication No. US20030051270A1
GENERAL INFORMATION:
                         NUMBER OF SEQ ID NOS: 4385
SOFTWARE: Friedman macro Napro4
                                                                                                                                                                  4.6%;
            2000-10-30
                                                                                                                                                                                                 88; Conservative
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Best Local Similarity 73.19
Matches 87; Conservative
                                                                                                                 sapiens
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ORGANISM: Homo sapiens
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Best Local Similarity
          PRIOR FILING DATE:
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                                                                                                              ORGANISM: Homo
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US-09-818-875-4213
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                                                             SEQ ID NO 4213
                                                                             LENGTH: 121
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APPLICANT: Kmiec, Eric B.
APPLICANT: Gamper: Boward B.
APPLICANT: Rice, Michael C.
TITLE OF INVENTION: Targeted Chromosomal Genomic Alterations with Modified Single
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                                  559 ATGTGTATACATTGGAAAGGTCCATTGCGTCTGCAACAGTTCTACCTTATTACAATGTCT 618
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Pred. No. 9.7e-08;
0; Mismatches 32;
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APPLICANT: Rice, Michael C.
TITLE OF INVENTION: Targeted Chromosomal Genomic CONTROL OF INVENTION: Targeted Chromosomal Genomic CONTROL OF INVENTION: Stranded Oligonucleotides FILE REFERENCE: Napro-4
CURRENT APPLICATION NUMBER: US/09/818,875
CURRENT FALING DATE: 2001-03-27
PRIOR PRILING DATE: 2000-03-27
PRIOR APPLICATION NUMBER: US 60/192,179
PRIOR PELING DATE: 2000-03-27
PRIOR PELING DATE: 2000-06-01
PRIOR FILING DATE: 2000-06-01
PRIOR FILING DATE: 2000-06-01
PRIOR FILING DATE: 2000-06-01
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CURRENT FILING DATE: 2001-03-27
PRIOR APPLICATION NUMBER: US 60/192,176
PRIOR FILING DATE: 2000-03-27
PRIOR FILING DATE: 2000-03-27
PRIOR APPLICATION NUMBER: US 60/192,179
PRIOR FILING DATE: 2000-03-17
PRIOR FILING DATE: 2000-01
PRIOR FILING DATE: 2000-06-01
PRIOR FILING DATE: 2000-10-30
PRIOR FILING DATE: 2000-10-30
NUMBER OF SEQ ID NOS: 4385
SOFTWARE: Friedman macro Napro4
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APPLICATION NUMBER: US 60/192,179
FILING DATE: 2000-03-27
APPLICATION NUMBER: US 60/208,538
FILING DATE: 2000-06-01
APPLICATION NUMBER: US 60/244,989
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Publication No. US20030051270A1
GENERAL INFORMATION:
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1 Similarity 73.3%;
88; Conservative
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ORGANISM:
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LENGTH: 269
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                                                                                                                                                                                                                                                                                                                                                                                                                                   620 CACTAATGGCTCTGGTCTTTATCAAGTACCTACCAGAATGGACTGTGTGGGTTTGTGCTG 678
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Pred. No. 3.1e-05;
0; Mismatches 104; Indels 0
                                                                                                                                                                                                                                                                                                                                             Length 121;
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           ; FEATURE:
; NAME/KEY: misc_feature
; OTHER INFORMATION: Incyte ID No. US20020082211A1 702764613H1
US-09-895-035-8
                                                                                                                                                                                                                                                                                                                                                                             32; Indels
                                                                                                                                                                                                                                                                                                                                             DB 9;
                                                                                                                                                                                                                                                                                                                                                             1.7e-07
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APPLICANT: Kaser, Matthew R.
TITLE OF INVENTION: HUMAN PRESENLLIN VARIANT
FILE REFERENCE: PC-0047 CIP
CURRENT APPLICATION NUMBER: US/09/895,035
CURRENT FILING DATE: 2001-06-29
PRIOR FILING DATE: 1998-07-16
NUMBER OF SEQ ID NOS: 14
SOFTWARE: PERL PROGram
SEQ ID NO 8.
TITLE OF INVENTION: . Stranded Oligonucleotides
        FILE REFERENCE: Napro-4
CURRENT APPLICATION NUMBER: US/09/818,875
CURRENT FILING DATE: 2001-03-27
PRIOR FILING DATE: 2000-03-27
PRIOR FILING DATE: 2000-03-27
PRIOR FILING DATE: 2000-03-27
PRIOR APPLICATION NUMBER: US 60/192,179
PRIOR FILING DATE: 2000-03-27
PRIOR FILING DATE: 2000-06-01
PRIOR FILING DATE: 2000-06-01
PRIOR FILING DATE: 2000-10-30
NUMBER OF SEQ ID NOS: 4385
SOFTWARE: Friedman macro Napro4
                                                                                                                                                                                                                                                                                                                                                                            0; Mismatches
                                                                                                                                                                                                                                                                                                                                          Score 67.8;
Pred. No. 1.
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Patent No. US20020082211A1
GENERAL INFORMATION:
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Best Local Similarity 54.2%;
Matches 123; Conservative
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Best Local Similarity 73.1
Matches 87; Conservative
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      TYPE: DNA ORGANISM: Canis familiaris
                                                                                                                                                                                                                                                                      ; TYPE: DNA
; ORGANISM: Homo sapiens
US-09-818-875-4217
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APPLICANT: Kmiec, Eric B.
APPLICANT: Gamper, Howard B.
APPLICANT: Rice, Michael C.
TITLE OF INVENTION: Targeted Chromosomal Genomic Alterations with Modified Single TITLE OF INVENTION: Stranded Oligonucleotides
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     119 AAGACGAAAATGTTGTGGAAGAAGCGGAGCTGAAATACGGAGCATCTCCACGTTATTCATC 178
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 238
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      239 ITTATAGICAAAACAAIGGAAGGCATITACTAICACAICCITTIGICCGGGAAACAGACA 298
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           147 TITATACCCGGAAGGATG---GGCAGCTAATCTATACCCCATTCACAGAAGATACCGAGA 203
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                GTATCGTTGAGAAGGGATTGATGTCACTTGGAAATGCTCTCGTCATGTTGTGCGTGGTCG 358
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     503
                          NAME/KEY: misc_feature
OTHER INFORMATION: Incyte ID No. US20020082211A1 1353337H1
TICACTACAATCTATGTGCAAGAAGTTCTGAAAAGTTTCGATGTGTC
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Pred. No. 2.1e-05;
0; Mismatches 106;
                                                                                                                                                                    Sequence 4, Application US/09895035
Patent No. US20020082211A1
GENERAL INFORMATION:
APPLICANT: Patterson, Chandra
APPLICANT: Murry, Lynn E.
APPLICANT: Kaser, Matthew R.
TITLE OF INVENTION: HUMAN PRESENLLIN VARIANT
FILE REFERENCE: PC-0047 CIP
                                                                                                                                                                                                                                                                                                                                                                             CURRENT APPLICATION NUMBER: US/09/895,035
CURRENT FILING DATE: 2001-06-29
PRIOR APPLICATION NUMBER: 09/116,640
PRIOR FILING DATE: 1998-07-16
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CURRENT APPLICATION NUMBER: US/09/818,875
CURRENT FILING DATE: 2001-03-27
PRIOR APPLICATION NUMBER: US 60/192,176
PRIOR FILING DATE: 2000-03-27
PRIOR FILING DATE: 2000-03-27
PRIOR FILING DATE: 2000-03-27
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Best Local Similarity 55.7%;
Matches 137; Conservative (
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  NUMBER OF SEQ ID NOS: 14
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TTGTCA 269
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TITLE OF INVENTION: Targeted Chromosomal Genomic Alterations with Modified Single TITLE OF INVENTION: Stranded Oligonucleotides
CURRENT APPLICATION NUMBER: US/09/818,875
CURRENT FILING DATE: 2001-03-27
PRIOR APPLICATION NUMBER: US 60/192,176
PRIOR APPLICATION NUMBER: US 60/192,179
PRIOR FILING DATE: 2000-06-01
PRIOR FILING DATE: 2000-06-01
PRIOR FILING DATE: 2000-06-01
PRIOR FILING DATE: 2000-06-01
PRIOR FILING DATE: 2000-10-30
NUMBER OF SEQ ID NOS: 4385
SOFTWARE: Friedman macro Napro4
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       Score 59.4; DB 9;
Pred. No. 2.3e-05;
0; Mismatches 31;
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         APPLICANT: Kmiec, Eric B.
APPLICANT: Kmiec, Eric B.
APPLICANT: Kmiec, Eric B.
APPLICANT: Gamper, Howard B.
APPLICANT: Rice, Michael C.
TITLE OF INVENTION: Targeted Chromosomal Genomic P.
TITLE OF INVENTION: Stranded Oligonucleotides
FILE REFERENCE: Napro-4
CURRENT APPLICATION NUMBER: US /09/818,875
CURRENT FILING DATE: 2001-03-27
PRIOR PRILING DATE: 2000-03-27
PRIOR FILING DATE: 2000-03-27
PRIOR PRILING DATE: 2000-03-27
PRIOR FILING DATE: 2000-03-27
PRIOR APPLICATION NUMBER: US 60/192,179
PRIOR FILING DATE: 2000-03-27
PRIOR PRILING DATE: 2000-06-01
PRIOR FILING DATE: 2000-06-01
PRIOR FILING DATE: 2000-010-30
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Publication No. US20030051270A1
GENERAL INFORMATION:
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SOFTWARE: Friedman macro Napro4
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         4.08;
71.68;
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Best Local Similarity 71.6
Matches 78; Conservative
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Matches 78; Conservative
                                                                                                                                                                                                                                                                                                                                                                                                                                             ; TYPE: DNA
; ORGANISM: Homo sapiens
US-09-818-875-4208
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LENGTH: 121
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Publication No. US20030051270a1

GENERAL INFORMATION:

APPLICANT: Kaniec, Eric B.

APPLICANT: Ranec, Eric B.

APPLICANT: Ranec, Michael C.

TITLE OF INVENTION: Targeted Chromosomal Genomic Alterations with Modified Single TITLE OF INVENTION: Stranded Oligonucleotides

FILE REFERENCE: Napro-4

CURRENT APPLICATION NUMBER: US/09/818,875

CURRENT FILING DATE: 2000-03-27

PRIOR APPLICATION NUMBER: US 60/192,176

PRIOR APPLICATION NUMBER: US 60/192,179

PRIOR FILING DATE: 2000-06-01

PRIOR APPLICATION NUMBER: US 60/208,538

PRIOR APPLICATION NUMBER: US 60/244,989

PRIOR PILING DATE: 2000-06-01

PRIOR PILING DATE: 2000-10-30

NUMBER OF SEQ ID NOS: 4385

SOFTWARE: Friedman macro Napro4

LENGTH: 121
                                                                                                                                                                                                                                                                                                                                                              565 ATACATTGGAAAGGTCCATTGCGTCTGCAACAGTTCTACCTTATTACAATGTCTGCACTA 624
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           565 ATACATIGGAAAGGICCATIGCGICTGCAACAGTICTACCTIATIACAAIGICTGCACIA 624
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Pred. No. 2.1e-05;
0; Mismatches 34; Indels
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.1e-05;
es 34; Indels
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Pred. No. 2.1e
0; Mismatches
PRIOR APPLICATION NUMBER: US 60/208,538
                                               60/244,989
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                                                                                                        SOFTWARE: Friedman macro Napro4
SEQ ID NO 4336
LENGTH: 121
                                                                                                                                                                                                                                                                    Query Match 4.0%;
Best Local Similarity 70.2%;
Matches 80; Conservative
                PRIOR FILING DATE: 2000-06-01
PRIOR APPLICATION NUMBER: US 6
PRIOR FILING DATE: 2000-10-30
NUMBER OF SEQ ID NOS: 4385
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; ORGANISM: Homo sapiens
US-09-818-875-4336
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; ORGANISM: Homo sapiens
US-09-818-875-4337
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US-09-818-875-4337/c
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667 IGGTITGTGCTGTTTGTTATCTCGGTTTGGGATCTGGTTGCCGTGCTCACACCAAAAGGA 726
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                                                                                      Length 121;
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| Publication No. US2003004061749
| Publication No. US2003004061749
| GENERAL INFORMATION:
| APPLICATION NO. US2003004061749
| TITLE OF INVENTION: Nucleic Acids, Proteins and Antibodies
| FILE REFERENCE: PA102
| CURRENT APPLICATION NUMBER: US/09/925,299
| PRIOR FILING DATE: 2001-08-10
| PRIOR PAPLICATION NUMBER: 60/124,270
| PRIOR FILING DATE: 2000-03-08
| PRIOR FILING DATE: 1999-03-12
| NUMBER OF SEQ ID NOS: 1556
| NUMBER OF SEQ ID NOS: 1556
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                                                                                                                                 38; Indels
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Patent No. US20020055627al
GENERAL INFORMATION:
APPLICANT: Rosen et al.
TITLE OF INVENTION: Nucleic Acids, Proteins and Antibodies FILE REFERENCE: PA102
CURRENT APPLICATION NUMBER: US/09/925,299
CURRENT FILING DATE: 2001-08-10
PRIOR APPLICATION NUMBER: PCT/US00/05883
                                                                                 Score 59.2; DB 9;
Pred. No. 2.6e-05;
0; Mismatches 38;
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Pred. No. 0.00063;
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      ; OTHER INFORMATION: n equals a,t,g, or c
US-09-925-299-454
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                                                                                 3.9%;
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Best Local Similarity 63.4%;
Matches 83; Conservative (
                                                                                                                            82; Conservative
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|121 ATTTACTCCTC ||31
           ; ORGANISM: Homo sapiens
US-09-818-875-4333
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NAME/KEY: misc_feature
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             NAME/KEY: misc_feature
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                                                                            Query Match
Best Local Similarity
                                                                                                                                                                                                                                                                                                                                                                                RESULT 34
US-09-925-299-454
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                                                                                                                          Matches
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                                                                                                                                                                                                                                          APPLICANT: Gamper, Howard B.
APPLICANT: Ramper, Howard B.
APPLICANT: Ramper, Howard B.
TITLE OF INVENTION: Targeted Chromosomal Genomic Alterations with Modified Single TITLE OF INVENTION: Stranded Oligonucleotides
FILE REFERENCE: Napro-4
CURRENT APPLICATION NUMBER: US/09/818,875
CURRENT APPLICATION NUMBER: US 60/192,176
PRIOR FILING DATE: 2000-03-27
PRIOR FILING DATE: 2000-03-27
PRIOR FILING DATE: 2000-06-01
PRIOR PPLICATION NUMBER: US 60/192,179
PRIOR FILING DATE: 2000-06-01
PRIOR APPLICATION NUMBER: US 60/208,538
PRIOR FILING DATE: 2000-06-01
PRIOR APPLICATION NUMBER: US 60/244,989
PRIOR FILING DATE: 2000-10-30
NUMBER OF SEQ ID NOS: 4385
SOFTWARE: Friedman macro Napro-4
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          Sequence 4333, Application US/09818875

Publication No. US20030051270A1

GENERAL INFORMATION:
APPLICANT: Rimec, Eric B.
APPLICANT: Rimec, Michael C.
TITLE OF INVENTION: Targeted Chromosomal Genomic Alterations with Modified Single TITLE OF INVENTION: Stranded Oligonucleotides
TITLE OF INVENTION: Stranded Oligonucleotides
TITLE OF INVENTION: Stranded Oligonucleotides
CURRENT APPLICATION NUMBER: US/09/818,875

PRIOR APPLICATION NUMBER: US 60/192,176

PRIOR FILING DATE: 2000-03-27

PRIOR APPLICATION NUMBER: US 60/192,179

PRIOR APPLICATION NUMBER: US 60/204,538

PRIOR FILING DATE: 2000-06-01

PRIOR FILING DATE: 2000-06-01

PRIOR FILING DATE: 2000-06-01

PRIOR FILING DATE: 2000-06-01

PRIOR FILING DATE: 2000-01-30

NUMBER OF SEQ ID NOS: 4385

SOFTWARE: Friedman macro Napro4
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        628 GCTCTGGTCTTTATCAAGTACCTACCAGAATGGACTGTGTGGTTTGTGCTTTTGTTATC 687
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                2 CACIGGAAGGCCCTCTGGTGCTGCAGCCTACCTCATCATGATCAGTGCGCTCATG 61
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              Gaps
596 AGTICIACCITATIACAAIGICIGCACIAAIGGCICIGGICITIAICAA 644
                          Score 59.2; DB 9; Length 121;
Pred. No. 2.6e-05;
0; Mismatches 38; Indels
                                                                                                                                                              Sequence 4332, Application US/09818875
Publication No. US20030051270A1
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illarity 68.3%;
Conservative
                                                                                                                                                                                                      GENERAL INFORMATION:
APPLICANT: Kmiec, Eric B.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      ; ORGANISM: Homo sapiens US-09-818-875-4332
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       Query Match
Best Local Similarity
Matches 82; Conserva
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                                                                                                                                   US-09-818-875-4332
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                SEQ ID NO 4332
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GENERAL INFORMATION:
APPLICANT: Kmiec, Eric B.
APPLICANT: Gamper, Boward B.
APPLICANT: Rice, Michael C.
TITLE OF INVENTION: Targeted Chromosomal Genomic Alterations with Modified Single
TITLE OF INVENTION: Stranded Oligonucleotides
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                O OTHER MOLECULES ASSOCIATED WITH LACTATION AND DEPOSITION
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       Length 380;
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; OTHER INFORMATION: Clone ID: 40-LIB3058-035-Q1-K1-B8
US-09-960-352-9335
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      Score 51.8; DB 9;
Pred. No. 0.002;
); Mismatches 27;
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                Query Match
3.4%; Score 50.6; DB 10;
Best Local Similarity 53.9%; Pred. No. 0.0079;
Matches 104; Conservative 0; Mismatches 89;
                  61 CGTGGCTCATCTTGGCTGTGATTTCAGTATATGGT 95
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              665 TGTGGTTTGTGTTTGTTATCTCGGTTTGGGAT 699
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CURRENT FILING DATE: 2001-03-27
PRIOR APPLICATION NUMBER: US 60/192,176
PRIOR PLILNG DATE: 2000-03-27
PRIOR PLILNG DATE: 2000-03-27
PRIOR PLILNG DATE: 2000-03-27
PRIOR APPLICATION NUMBER: US 60/208,538
PRIOR FILING DATE: 2000-06-01
PRIOR FILING DATE: 2000-06-01
PRIOR FILING DATE: 2000-10-30
NUMBER OF SEQ ID NOS: 4385
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                APPLICANT: Warren, Wesley C.
APPLICANT: Warren, Wesley C.
APPLICANT: Byatt, John C.
APPLICANT: Byatt, John C.
APPLICANT: Mathialagan, Nagappan
TITLE OF INVENTION: NUCLEIC ACID AND OTHER M
TITLE OF INVENTION: MUSCLE AND FAT DEPOSITI
FILE REFERENCE: 16511.006/37-21(10298)C
CURRENT APPLICATION NUMBER: US/09/960,352
CURRENT FILING DATE: 2001-09-24
NUMBER OF SEQ ID NOS: 15112
SEQ ID NO 9335
LENGTH: 380
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                                                                                                                                            Sequence 4229, Application US/09818875
Publication No. US20030051270A1
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    Sequence 9335, Application US/09960352 Patent No. US20020137139A1
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0
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SEQ ID NO 4229
LENGTH: 121
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US-09-818-875-4229
                                                                                                                                                                                                                                                                                                                             FILE REFERENCE: Napro-4
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Best Local Similarity
Matches 68; Conserv
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APPLICANT: Rice, Michael C.
TITLE OF INVENTION: Targeted Chromosomal Genomic Alterations with Modified Single
TITLE OF INVENTION: Stranded Oligonucleotides
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            727 CCATTGAGATATTTGGTGGAAACTGCACAGGAGAAACGAGCCAATTTTCCCGGCGCTG 786
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                                                                                                                                                                                                                                                                                                                                                                                                       3.7%; Score 54.8; DB 10;
63.4%; Pred. No. 0.00063;
tive 0; Mismatches 48;
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CURRENT APPLICATION NUMBER: US/09/818,875
CURRENT FILING DATE: 2001-03-27
PRIOR PPLICATION NUMBER: US 60/192,176
PRIOR PILING DATE: 2000-03-27
PRIOR PLILING DATE: 2000-03-61
PRIOR PLILING DATE: 2000-03-61
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Pred. No. 0.
                                                                                                                                                                                                                                        LOCATION: (95)
CTHER INFORMATION: n equals a,t,g, or c
NAME/REY: misc_feature
LOCATION: (332)
CTHER INFORMATION: n equals a,t,g, or c
US-09-925-299-454
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       Sequence 4228, Application US/09818875
Publication No. US20030051270A1
GENERAL INFORMATION:
APPLICANT: Kmiec, Eric B.
PRIOR FILING DATE: 2000-03-08
PRIOR APPLICATION WUMBER: 60/124,270
PRIOR FILING DATE: 1990-03-12
NUMBER OF SEQ ID NOS: 1556
SOFTWARE: PatentIn Ver. 2:0
SEQ ID NO 454
LENGTH: 332
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SOFTWARE: Friedman macro Napro4
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Matches 68; Conservative (
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Best Local Similarity 63.47
Matches 83; Conservative
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|21 ATTTACTCCTC 131
                                                                                                                                                                       ORGANISM: Homo sapiens
FEATURE:
NAME/KEY: misc_feature
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US-09-818-875-4228
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LENGTH: 121
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GENERAL INFORMATION:
APPLICANT: Wasley C.
APPLICANT: Wasley C.
APPLICANT: Tao, Nengbing
APPLICANT: Tao, Nengbing
APPLICANT: Byatt, John C.
APPLICANT: Mathialagan, Nagappan
TITLE OF INVENTION: MUSCLE AND FAT DEPOSITION
TITLE OF INVENTION: MUSCLE AND FAT DEPOSITION
FILE REPERBNCE: 16511.006/37-21(10298)C
CURRENT FILING DATE: 2001-09-24
NUMBER OF SEQ ID NOS: 15112
SEQ ID NO 4582
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                                                  N: EXPRESSED IN BRAIN, SIGNAL = 2.8

N: EXPRESSED IN HELA, SIGNAL = 2.2

N: EXPRESSED IN HELA, SIGNAL = 2.2

N: EXPRESSED IN FETAL LIVER, SIGNAL = 2.7

N: EXPRESSED IN LUNG, SIGNAL = 2.7

N: EXPRESSED IN LUNG, SIGNAL = 2.7

N: EXPRESSED IN PLACENTA, SIGNAL = 2.6

N: EXPRESSED IN PLACENTA, SIGNAL = 2.9

N: EXPRESSED IN HBLIOO, SIGNAL = 2.9

N: EXPRESSED IN ADULT LIVER, SIGNAL = 2.9

N: EXPRESSED IN ADULT LIVER, SIGNAL = 2.9

N: EXPRESSED IN ADULT LIVER, SIGNAL = 2.9

N: EXTLUMAN HIT: BE935454.1, EVALUE 5.00e-91

N: MIT: A0008005.1, EVALUE 1.00e-108

N: WISSPROT HIT: P49769, EVALUE 9.00e-12
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; OTHER INFORMATION: Clone ID: 20-LIB3057-013-Q1-K1-E7
US-09-960-352-4582
                                                                                                                                                                                                                                                                                                                                                                   Score 50.4; DB 10;
Pred. No. 0.006;
0; Mismatches 46;
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Pred. No. 0.01;
0; Mismatches 118;
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             Sequence 4582, Application US/09960352 Patent No. US20020137139A1
                                                                                                                                                                                                                                                                                                                                                              Query Match 3.4%; Sc
Best Local Similarity 62.9%; Pr
Matches 78; Conservative 0;
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Best Local Similarity. 50.69
Matches 121; Conservative
                                                  OTHER INFORMATION:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       409 CTTA 412
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APPLICANT: Chen, Wensheng
TITLE OF INVENTION: HUMAN GENOME-DERIVED SINGLE EXON NUCLEIC ACID PROBES USEFUL FOR
TITLE OF INVENTION: GENE EXPRESSION ANALYSIS BY MICROARRAY
FILE REFERENCE: Aecnica-X-1
CURRENT APPLICATION NUMBER: US/09/864,761
CURRENT FILING DATE: 2001-05-23
                                                                1368 GCCATITCTTTGCATCATCACTITTCGATTATATCTTGAGCGATCTCAAAGCTTTATTT 1427
                                                                                                                                                     233 TITCTITCITITAAICCIATTITTITITITITAAITATICTITTITITITAATTI 174
                                                                                                                                                                                 SOFTWARE: Annomax Sequence Listing Engine vers. 1.1
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APPLICATION NUMBER: PCT/US01/00664
FILING DATE: 2001-01-30
APPLICATION NUMBER: PCT/US01/00669
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APPLICATION NUMBER: PCT/US01/00666
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APPLICATION NUMBER: PCT/US01/00665
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    PILING DATE: 2000-05-26

APPLICATION NUMBER: US 09/632,366
FILING DATE: 2000-08-03

APPLICATION NUMBER: GB 24263.6
FILING DATE: 2000-10-04

APPLICATION NUMBER: US 60/236,359
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           FILING DATE: 2001-01-30
APPLICATION NUMBER: PCT/US01/00668
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APPLICATION NUMBER: PCT/US01/00663
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   FILING DATE: 2001-01-30
APPLICATION NUMBER: PCT/US01/00662
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APPLICATION NUMBER: PCT/US01/00670
FILING DATE: 2001-01-30
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              CURRENT FILING DATE: 2001-05-23
PRIOR PAPLICATION NUMBER: US 60/180,312
PRIOR FILING DATE: 2000-02-04
PRIOR APPLICATION NUMBER: US 60/207,456
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            FILING DATE: 2001-01-30
APPLICATION NUMBER: PCT/US01/00661
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       APPLICATION NUMBER: US 09/608,408 FILING DATE: 2000-06-30
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Patent No. US20020048763A1
                                                                                                                                                                                                                                           1488 AAAAAAAAAAA 1500
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ORGANISM: Homo sapiens
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LENGTH: 198
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1261 TITCCATTTTCTCCGGACTCATTTTTTACTTTTGTACCCGCTGGATCATCACCCCATTTG 1320
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319,
345,
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426,
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PREVENTION, AND
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567,
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                                                                                                                             APPLICANT: Xu, Yongyao
APPLICANT: Wang, Youzhen
APPLICANT: Wang, Youzhen
APPLICANT: Steinmann, Kathleen
TITLE OF INVENTION: FOR IDENTIFICATIONS, KITS, AND
TITLE OF INVENTION: FOR IDENTIFICATION, ASSESSMENT, PRE
FILE REFERENCE: MRI-049
CURRENT APPLICATION NUMBER: US/10/198,846
CURRENT APPLICATION NUMBER: 60/306,220
PRIOR APPLICATION NUMBER: 60/306,220
PRIOR FILING DATE: 2001-07-18
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564,
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423,
449,
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411,
447,
502,
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562,
598,
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SOFWARE: FastSEQ for Windows Version 4.0
SEQ ID NO 8434
LENCTH: 600
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408,
445,
497,
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561,
594,
                                                                       Sequence 8434, Application US/10198846 Publication No. US20030099974A1 GENERAL INFORMATION:
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US-09-960-352-11218/c
; Sequence 11218, Application US/09960352
; Patent No. US20020137139A1
                                                                                                                                                                                                                                                                                                                                                                                                            LOCATION: 2, 14, 27, 61, 150, 153, LOCATION: 229, 230, 232, 234, 236, 236, 236, 236, 236, 349, 355, 350, 351, 352, OTHER INFORMATION: n = A, T, C or G
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   CCATION: 518, 513, 520, 521, 522, 10.CCATION: 518, 517, 518, 541, 559, 10.CCATION: 570, 575, 589, 590, 592, 071ER INFORMATION: n = A,T,C or G US-10-198-846-8434
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401, 402, 403, 404,
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Best Local Similarity 44.69
Matches 107; Conservative
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                                                                                                                                                                                                                                                                                                                                                                   ORGANISM: Homo sapiens
                                                                                                                                                                                                                                                                                                                                                                                                NAME/KEY: misc_feature
LOCATION: 2, 14, 27, 61
LOCATION: 229, 230, 233
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                                                        US-10-198-846-8434/c
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APPLICANT: Byatt, John C.
APPLICANT: Mathialagan, Nagapan
TITLE OF INVENTION: NUCLEIC ACID AND OTHER MOLECULES ASSOCIATED WITH LACTATION AND
TITLE OF INVENTION: MUSCLE AND FAT DEPOSITION
FILE REFREENCE: 16511.006/37-21(10298)C
CURRENT APPLICATION NUMBER: US/09/960,352
CURRENT FILING DATE: 2001-09-24
NUMBER OF SEQ ID NOS: 15112
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; OTHER INFORMATION: Incyte ID No. US20020082211A1 701725602H1
US-09-895-035-10
                                                                                                                                                                                                                                                                                                                                                                                        Indels
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; OTHER INFORMATION: Clone ID: 48-LIB3058-026-Q1-K1-D12
US-09-960-352-11218
                                                                                                                                                                                                                                                                                                                                                Score 49.6; DB 10;
Pred. No. 0.015;
                                                                                                                                                                                                                                                                                                                                                                                    0; Mismatches 119;
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Best Local Similarity 58.5%; Pred. No. 0.014;
Matches 86; Conservative 0; Mismatches 61;
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        APPLICANT: ENGINEERS APPLICANT: APPLICANT: Raser, Matthew R.
TITLE OF INVENTION: HUMAN PRESENILIN VARIANT
FILE REFERENCE: PC-0047 CIP
CURRENT APPLICATION NUMBER: US/09/895,035
CURRENT FILING DATE: 2001-06-29
PRIOR FILING DATE: 1998-07-16
NUMBER OF SEQ ID NOS: 14
SOFTWARE: PERL PROGRAM
SEQ ID NO 10
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    Sequence 10, Application US/09895035
Patent No. US20020082211A1
GENERAL INFORMATION:
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                     : Warren, Wesley C.
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ORGANISM: Rattus norvegicus
                                     Nengbing
GENERAL INFORMATION:
                                                                                                                                                                                                           SEQ ID NO 11218
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               APPLICANT: 1
APPLICANT:
APPLICANT:
APPLICANT:
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APPLICANT: PIEPENBROCK, Christian
APPLICANT: PIEPENBROCK, Christian
APPLICANT: PIEPENBROCK, Christian
APPLICANT: BIEBLIN, Kurt
TITLE OF INVENTION: Diagnosis of Diseases Associated with Gene Regulation
FILE REFERENCE: 5013.1003
CURRENT APPLICATION NUMBER: US/10/239,676
CURRENT FILING DATE: 2002-09-24
PRIOR APPLICATION NUMBER: PCT/FP01/03968
DE 10019058.8
DE 10019058.8
DE 10019173.8
DE 10043826.1
PRIOR FILING DATE: 2001-04-06
2000-04-06
2000-04-06
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APPLICANT: Xu, Yongyao
APPLICANT: Xu, Yongyao
APPLICANT: Wang, Youzhen
APPLICANT: Steinmann, Kathleen
TITLE OF INVENTION: NOVEL GENES, COMPOSITIONS, KITS, AND METHODS
TITLE OF INVENTION: FOR IDENTIFICATION, ASSESSMENT, PREVENTION, AND
FILLE REFERENCE: MRI-049
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     OTHER INFORMATION: chemically treated genomic DNA (Homo sapiens)
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Pred. No. 0.13;
                                                236 CGTTTTATAGTCAAAACAATGGAAGGC 262
                                                                       267 GCTTCTACACCCGGAAGGATGGGCAGC 293
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            Sequence 1369, Application US/10198846 Publication No. US20030099974A1 GENERAL INFORMATION:
                                                                                                                                                               Sequence 160, Application US/10239676
Publication No. US20030082609A1
GENERAL INFORMATION:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       3.3%;
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        TYPE: DNA
ORGANISM: Artificial Sequence
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        Best Local Similarity 51.49
Matches 114; Conservative
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      2000-09-01
NUMBER OF SEQ ID NOS: 228
SEQ ID NO 160
LENGTH: 9515
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Sequence 4232, Application US/09818875
Publication No. US20030051270A1
ENDIGATION No. US20030051270A1
APPLICANT: Kniec, Eric B.
APPLICANT: Gamper, Howard B.
APPLICANT: Rice, Michael C.
*TITLE OF INVENTION: Targeted Chromosomal Genomic Alterations with Modified Single TITLE OF INVENTION: Stranded Oligonucleotides
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 1377 ITGCATCATCAACTTTTCGATTATATCTTGAGCGATCTCAAAGCTTTATTTTACATACCT 1436
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189,
303,
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500,
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                                                                                                                                                                                                                                                          123,
                                                                                                                                                                                                                                                                                                                                                                                                       435, 439, 440, 442,
486, 487, 493, 495,
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                                                                                                                                                                                                                                                          117, 118,
152, 155,
239, 270,
346, 349,
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CURRENT APPLICATION NUMBER: US/09/818,875
CURRENT FILING DATE: 2001-03-27
PRIOR APPLICATION NUMBER: US 60/192,176
PRIOR PILING DATE: 2000-03-27
PRIOR PILING DATE: 2000-03-27
PRIOR FILING DATE: 2000-03-27
PRIOR FILING DATE: 2000-03-27
PRIOR FILING DATE: 2000-06-01
PRIOR PLING DATE: 2000-06-01
PRIOR PLING DATE: 2000-06-01
CURRENT APPLICATION NUMBER: US/10/198,846 CURRENT FILING DATE: 2002-07-18 PRIOR APPLICATION NUMBER: 60/306,220 PRIOR FILING DATE: 2001-07-18
                                                                                NUMBER OF SEQ ID NOS: 14084
SOFTWARE: FastSEQ for Windows Version 4.0
SEQ ID NO 1369
                                                                                                                                                                                                                                                                                                                                                         FEATURE:
NAME/KEY: misc_feature
LOCATION: 396, 410, 414, 430, 432,
LOCATION: 453, 473, 476, 480, 482,
LOCATION: 530
                                                                                                                                                                                                                                                     LOCATION: 2, 3, 4, 8, 14, 25, 113, LOCATION: 130, 134, 135, 142, 145, LOCATION: 190, 201, 202, 211, 238, LOCATION: 306, 314, 315, 321, 339, OTHER INFORMATION: n = A,T,C or G
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US-10-198-846-1369
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SEQ ID NO 4232
LENGTH: 121
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    48.48;
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        Query Match
Best Local Similarity 48.49
Matches 89; Conservative
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                                                                                                                                                                   TYPE: DNA
ORGANISM: Homo sapiens
                                                                                                                                                                                                                                      NAME/KEY: misc_feature
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       TYPE: DNA
ORGANISM: Homo sapiens
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                                                                                                                                                                                                                FEATURE:
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PRIOR FILING DATE: 2000-03-27
PRIOR APPLICATION NUMBER: US 60/208,538
PRIOR FILING DATE: 2000-06-01
PRIOR APPLICATION NUMBER: US 60/244,989
PRIOR FILING DATE: 2000-10-30
NUMBER OF SEQ ID NOS: 4385
SOFTWARE: Friedman macro Napro4
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Best Local Similarity
                                                                                                                                                                                                                                                                                                            US-09-818-875-4144
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                                                                                                                                                                                                      SEQ ID NO 4144
LENGTH: 121
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LENGTH: 121
                                                                                                                                                                                                                                                          TYPE: DNA ORGANISM: 1
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                                                                                                                                                                                                                                                                                                                                                                                                                                                              Sequence 423, Applateation to yourseld to Belleation to Sequence 423, Applateation to US20030051270A1
GENERAL INFORMATION:
APPLICANT: Kndec, Eric B.
APPLICANT: Race, Michael C.
TITLE OF INVENTION: Stranded Oligonucleotides
FILE REFERENCE: Napro-4
CURRENT FILING DATE: 2001-03-27
FRIOR APPLICATION NUMBER: US 60/192,176
FRIOR APPLICATION NUMBER: US 60/208,538
FRIOR PILING DATE: 2000-03-27
FRIOR APPLICATION NUMBER: US 60/204,989
FRIOR FILING DATE: 2000-10-30
NUMBER FILING DATE: 2000-10-30
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Publication No. US20030051270A1
GENERAL INFORMATION:
APPLICANT: Kmiec, Eric B.
APPLICANT: Raiec, Eric B.
APPLICANT: Gamper, Howard B.
APPLICANT: Targeted Chromosomal Genomic Alterations with Modified Single TITLE OF INVENTION: Targeted Chromosomal Genomic Alterations with Modified Single TITLE OF INVENTION: Targeted Chromosomal Genomic Alterations with Modified Single FILE REFERENCE: Napro-4
CURRENT APPLICATION NUMBER: US/09/818,875
CURRENT FILING DATE: 2001-03-27
PRIOR FILING DATE: 2000-03-27
PRIOR FILING DATE: 2000-03-27
PRIOR FILING DATE: US 60/192,176
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                                                                                                                                                          618 IGCACTAAIGGCICIGGICITIAICAAGIACCIACCAGAAIGGACIGIGIGGIIIGIGCI 677
                                                                                                                                                                                        Gaps
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3.2%; Score 48.4; DB 9; Length 1
Best Local Similarity 74.4%; Pred. No. 0.014;
Matches 61; Conservative 0; Mismatches 21; Indels
                                                         Score 48.4; DB 9;
Pred. No. 0.014;
0; Mismatches 21;
                                                                                                                                                                                                                                                                678 GTTTGTTATCTCGGTTTGGGAT 699
                                                                                                                                                                                                                                                                                                                                                                                                                                                      Sequence 4233, Application US/09818875
Publication No. US20030051270A1
                                                                                                                                                                                                                                                                                                 62 GGCTGTGATTTCAGTATATGGT 83
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   678 GTTTGTTATCTCGGTTTGGGAT 699
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                                                       Query Match 3.2%;
Best Local Similarity 74.4%;
Matches 61; Conservative
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US-09-818-875-4232
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LENGTH: 121
                                                    Query Match
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RESULT 49
US-09-818-875-4145/C
; Sequence 4145, Application US/09818875
; Deducation No. US20030051270A1
; GENERAL INFORMATION:
APPLICANT: Kmiec, Fric B.
APPLICANT: Rice, Michael C.
TITLE OF INVENTION: Targeted Chromosomal Genomic Alterations with Modified Single; TITLE OF INVENTION: Stranded Oligonucleotides
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                                                                                                                                               295 GACAGTATCGTTGAGAAGGGATTGATGTCACTTGGAAATGCTCTCGTCATGTTGTGCGTG 354
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                                                                                                                                                                                 355 GTCGTTCTGATGACAGTTCTGCTGATTGTTTTCTATAATACAAGTTTTATAAGCTTA 412
                                                                                                                Gaps
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                                                                   Length 121;
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3.2%; Score 47.6; DB 9; Length 121;
Best Local Similarity 62.7%; Pred. No. 0.023;
Matches 74; Conservative 0; Mismatches 44; Indels (
                                                                                                              Indels
                                                              Score 47.6; DB 9;
Pred: No. 0.023;
0; M1smatches 44;
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CURRENT APPLICATION NUMBER: US/09/818,875
CURRENT FILING DATE: 2001-03-27
PRIOR PAPLICATION NUMBER: US 60/192,176
PRIOR PILING DATE: 2000-03-27
PRIOR FILING DATE: 2000-03-7
PRIOR PILING DATE: 2000-03-7
PRIOR PILING DATE: 2000-06-01
PRIOR FILING DATE: 2000-06-01
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; Publication No. US20030051270A1
; GENERAL INFORMATION:
                                                              3.28;
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                                                                                                         74; Conservative
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SOFTWARE: Friedman macro No
Homo sapiens
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APPLICANT: Gample: nonder of the process of the pro
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Pred. No. 0.023;
0; Mismatches 44; Indels
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Best Local Similarity 62.7%;
Matches 74; Conservative
Kmiec, Eric B.
Gamper, Howard B.
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CORGANISM: Homo sapiens
US-09-818-875-4256
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Search completed: July 15, 2003, 07:10:45 Job time: 491 secs

